BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF SCHOOL BUILDING AT SINGAPURA IN WARD NO -11

Client	Sri, Kumar Raju (M/s Sri Vinayaka Builders) #10, Gokul Nilaya, dhanalakshmi Layout,Thindlu Main Road, Opp Indian Oil Petrol Bank,Vidyaranyapura, Bangalore-560097

WORKSLIP RATE ANALYSIS

Estimate Amount:-	10000000.000
Approved Amount	8715587.000
Name of Contractor:-	Sri, Kumar Raju (M/s Sri Vinayaka Builders)
Tender premium:-	(+)4.99%

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)4.99%	Final Rate.
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above complete as per specifications and directions of Engineer in charge.	Cum	Pg No.139 of KPWD S.R 2018-19	18.19	1589.00	0	1589.00	127.12	1716.12	85.63	1801.75
2	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar complete as per specifications and directions of Engineer in charge.	Cum	Pg No.139 of KPWD S.R 2018-19	18.23	351.00	0	351.00	28.08	379.08	18.92	398.00

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Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)4.99%	Final Rate.
4	KSRRB M200-17.1.-do- v) Steel work in all types of Sections upto a Height of 5m above plinth level excluding Cutting of Rivet. -A.Including dismembering."	tonne	Pg No.140 of KPWD S.R 2018-19	18.33	1893.00	0	1893.00	151.44	2044.44	102.02	2146.46
6	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum	Pg No.136 of KPWD S.R 2018-19	17.40	57.00	5.12	62.12	4.9696	67.09	3.35	70.44
7	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of Engineer in charge.	Cum	Pg No.6 of KPWD S.R 2018-19	2.4[illegible]	449.00	0	449.00	35.92	484.92	24.20	509.12
8	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of Engineer in charge.	Cum	Pg No.7 of KPWD S.R 2018-19	2.15	2429.00	0	2429.00	194.32	2623.32	130.90	2754.22
9	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of Engineer in charge.	Cum	Pg No.13 of KPWD S.R 2018-19	4.3[illegible]	5475.00	0	5475.00	438	5913.00	295.06	6208.06

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Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)4.99%	Final Rate.
10	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing	Cum	Pg No.13 of KPWD S.R 2018-19	4.60	5919.71	0	5919.71	473.5768	6393.29	319.03	6712.31
11	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications and directions of Engineer in charge.	Cum	Pg No.25 of KPWD S.R 2018-19	5.60	4596.00	0	4596.00	367.68	4963.68	247.69	5211.37
12	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and directions of Engineer in charge.	Cum	Pg No.7 of KPWD S.R 2018-19	2.10	201.00	0	201.00	16.08	217.08	10.83	227.91
13	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and direction of the Engineer-in-charge.	Cum	Pg No.136 of KPWD S.R 2018-19	17.40	67.09	0	67.09	5.3672	72.46	3.62	76.07
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.	Sqm	Pg No.16 of KPWD S.R 2018-19	4.28	258.00	0	258.00	20.64	278.64	13.90	292.54

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15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and directions of Engineer in charge.	Sqm	Pg No.16 of KPWD S.R 2018-19	4.31	358.00	0	358.00	28.64	386.64	19.29	405.93
28	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per	tonne	Pg No.18 of KPWD S.R 2018-19	4.46.2	87417.00	0	87417.00	6993.36	94410.36	4711.08	99121.44
72	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) complete as per specification and directions of Engineer in charge	cum	Pg No.147 of KPWD S.R 2018-19	19.60	325.00	0	325.00	26	351.00	17.51	368.51
					EIRL						
E1	KSRRB M2100 Excavation in Marshy soil KSRRB 2100-5. Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring and shuttering, refilling trenches in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. MORTH Chapter 12 KBS Pg No 221, Item No 27.11	Cum	Pg No.14 of KPWD S.R 2018-19	4.11	6322.62	0	6322.62	505.8096	6828.43	340.74	7169.17

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E2	KSRB 5.4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 KSRB 5.4-4 : - do - with cement mortar 1:4 Pg No. 25, Item No. 5.12	Cum	Pg No.25 of KPWD S.R 2018-19	5.12	6005	0	6005.00	480.4	6485.40	323.62	6809.02

Asst Engineer

Asst Executive Engineer

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